

Receipt date: 03/31/2006

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/432,503
	Filing Date	November 2, 1999
	First Named Inventor	Thomas R. Cech, et al.
	Art Unit	1635
	Examiner Name	Jon E. Angell
Total Number of Pages in This Submission		Attorney Docket Number 015389-002611US; 018/063C

ENCLOSURES (Check all that apply)		
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Remarks 1. PTO-1449 (2 pages) with copies of 25 references 2. Return receipt postcard		

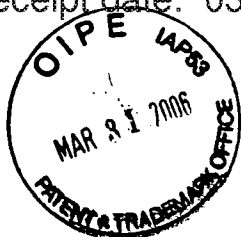
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
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Printed name	J. Michael Schiff		
Date	Mar 29/06	Reg. No.	40,253

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Cech et al.

Filing Date: November 2, 1999

Serial No: 09/432,503

Docket: 015389-002611US; 018/063c

Title: REDUCING TISSUE DAMAGE DUE TO
IMPAIRED REPLICATION
USING A VECTOR EXPRESSING
TELOMERASE REVERSE TRANSCRIPTASE

Art Unit: 1645

Examiner: J. Eric Angell, Ph.D.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria VA 22313

Dear Sir,

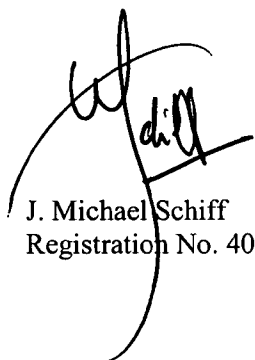
The information listed in the accompanying form PTO-1449 and provided herewith is submitted in compliance with the duty of disclosure under 37 CFR § 1.56. The Examiner is requested to make this information of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a full search for relevant information has been made, that all relevant information has been found, or that the information provided with this Statement is considered to be material to patentability of the claimed invention as defined under 37 CFR § 1.56(b).

Applicants believe that no fee is payable with respect to entry and consideration of this IDS and the accompanying information, since there has been no Office Action on the merits since the filing of the last Request for Continued Examination under 37 CFR § 1.114.

However, in the event that the Patent Office determine that a fee is payable with respect to this IDS, the undersigned hereby authorizes the Commissioner to charge the cost of such petitions and other fees due in connection with the filing of these papers to Deposit Account No. 07-1139, referencing the docket number indicated above.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "J. Michael Schiff", is written over a large, thin, curved line that sweeps from the left towards the right.

J. Michael Schiff
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March 27, 2006

Form 1449 (modified)	Docket: 018/063C	U.S.S.N.: 09/432,503
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets if Necessary)	Title: Increasing the Proliferative Capacity of Cells Using Telomerase Reverse Transcriptase Inventors: Thomas R. Cech, <i>et al.</i> Filing Date: November 2, 1999	
	Group:	

U.S. PATENT DOCUMENTS

Examiner Initial	Ref.	Document No.	Filing Date	Publication Date	Class/ Subclass	Inventors	Title
	DA	2004/0147465 A1	05/09/02	07/29/04		Jiang, Xu-Rong, et al.	Treatment of wounds

GERON CORPORATION FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner Initial	Ref.	Document No.	Publication Date	Jurisdiction	Title	Translation
	DB	WO 2005/000245	01/06/05		Compositions and methods for increasing telomerase activity	
	DC	WO 2005/044179	05/19/05		Formulations containing astagalus extracts and uses thereof	

OTHER DOCUMENTS

Examiner Initial	Ref.	Author, Title, Source, Date
	DD	Akimo et al., Bypass of Senescence, Immortalization, and Transformation of human hematopoietic progenitor cells, Stem Cells, 23:1423 (2005)
	DE	Bergelson et al., The murine CAR homolog is a receptor for coxsackie B viruses and adenoviruses, J of Virology, 72(1): 415 (1998)
	DF	Chen et al., Expression and function of recombinant endothelial nitric oxide synthase gene in canine basilar artery, Circ Res., 80(3):327 (1997)
	DG	Fasbender et al., Complexes of adenovirus with polycationic polymers and cationic lipids increase the efficiency of gene transfer in vitro in vivo, J Bio Chem, 272(10): 6479 (1997)
	DH	Giannobile et al., Platelet-derived growth factor (PDGF) gene delivery for application in periodontal tissue engineering, J Periodontol, 72:815 (2001)
	DI	Geron Corporation, Press Release: March 7, 2005, Geron Announces presentation of data supporting the utility of small molecule telomerase activators for HIV/AIDS therapy
	DJ	Harley et al., Telomerase therapeutics for degenerative diseases, Curr Molec Med, 5:29 (2005)
	DK	Havenga et al., Exploiting the natural diversity in adenovirus tropism for therapy and prevention of disease, J of Virology, 76(9):4612 (2002)
	DL	Huang et al., Adenovirus interaction with distinct integrins mediates separated events in cell entry and gene delivery to hematopoietic cells, J of Virology, 70(7):4502 (1996)
	DM	Ikedo et al. Adenovirus mediated gene delivery to the joints of guinea pigs, J Rheumatol, 25(9):1666 (1998)
	DN	Ilan, Oral tolerization to adenoviral antigens permits long-term gene expression using recombinant adenoviral vectors, J Clin Invest., 99(5):1098 (1997)
	DO	Katkin et al., Exogenous surfactant enhances the delivery of recombinant adenoviral vectors to the lung, Hum Gene Ther., 8:171 (1997)
	DP	Kawamoto et al., Gene-based therapy for inner ear disease, Noise Health, 3(11):37 (2001)
	DQ	Koizumi et al., Reduction of natural adenovirus tropism to mouse liver by fiber-shaft exchange in combination with both CAR- and α 5 β 1 integrin-binding ablation, J of Virology, 77(24):13062 (2003)
	DR	Lu et al., A model for keratinocyte gene therapy: preclinical and therapeutic considerations, Proc Assoc Am Physicians, 108(2):165 (1996)

Examiner	Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (modified)	Docket: 018/063C	U.S.S.N.: 09/432,503
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Title: Increasing the Proliferative Capacity of Cells Using Telomerase Reverse Transcriptase Inventors: Thomas R. Cech, <i>et al.</i>	
(Use Several Sheets if Necessary)	Filing Date: November 2, 1999	Group:



DS	Mehrara et al., Adenovirus-mediated gene therapy of osteoblasts in vitro and in vivo, J Bone Miner Res., 14(8):1290 (1999)
DT	Miller et al., Targeting endothelial cells with adenovirus expressing nitric oxide synthase prevents elevation of blood pressure in stroke-prone spontaneously hypertensive rats, Mol Ther. 12(2):321 (2005)
DU	Philipson et al., Virus-receptor interaction in an adenovirus system, J of Virology, 2(10):1064 (1998)
DV	Sarin et al., Conditional telomerase induction causes proliferation of hair follicle stem cells, Nature, 436:1048 (2005)
DW	Scaria et al., Antibody to CD40 ligand inhibits both humoral and cellular immune responses to adenoviral vectors and facilitates repeated administration to mouse airway, Gene Ther. 4:611 (1997)
DX	Shah et al., Intracoronary adenovirus-mediated delivery and overexpression of the beta(2)-adrenergic receptor in the heart : prospects for molecular ventricular assistance, Circulation, 101:408 (2000)
DY	Rothmann et al., Heart muscle-specific gene expression using replication defective recombinant adenovirus, Gene Ther., 3:919 (1996)
DZ	Wierda et al., CD40-ligand (CD154) gene therapy for chronic lymphocytic leukemia, Blood, 96(9):2917 (2000)

Examiner /Jon Eric Angell/	Date Considered 05/14/2009

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